



State of Alaska  
Department of Fish and Game  
Habitat and Restoration Division

ALASKA DEPT. OF  
FISH & GAME  
JAN 14 2003  
HABITAT AND RESTORATION  
DIVISION REGION II

Nomination of Waters  
Important to Anadromous Fish

Region: Southcentral

Anadromous Water Catalog Number of Waterway: 247-41-10200-2053-3150-9080

Name of Waterway: Bear Creek

USGS Quad: Talkeetna B-2

Status:

☒ Addition

☐ Deletion

☐ Correction

☐ Backup Information

☐ USGS Name

☐ Local Name

For Office Use

Nomination #	03 127	Regional Supervisor	3/28/03
Revision Year:	2003	AWC Project Biologist	Date
Revision to: Atlas	Catalog		13 MAR 03 REVIEW
Both			26 MAR 03
Revision Code: A-1		Drafted	Date

**SITE INFORMATION** Station: FSH0220a88 Visit: 1 Date Observed: 8/21/2002 Latitude: 62.362912 Longitude: -150.81393

Legal Description: NE 1/4 Section 7, T. 26 N., R. 8 W., S.M.

**STREAM PARAMETER** Wetted OHW

Width (m) 1.7 1.7  
Thalweg Depth (m) 0.43

Water Temp. (C): 9.5 Stream Stage: High

Dominant Substrate: Gravel

Station Comments:

**SPECIES INFORMATION** coho salmon

Life Stage: Juvenile

Count: 3

Life History: Anadromous

Sampling Method: Portable Electrofisher

Area (m2): Effort (s): 251 Trap Time (h):

Trap in:

Fish passage barrier at site: Unknown

Trap out:

Species Comments:

**SPECIES INFORMATION** slimy sculpin

Life Stage: Juvenile/Adult

Count: 6

Life History: Resident

Sampling Method: Portable Electrofisher

Area (m2): Effort (s): 251 Trap Time (h):

Trap in:

Fish passage barrier at site: Unknown

Trap out:

Species Comments:

Additional Comments:

Good spawning and rearing habitat. Water was high during visit - difficult electrofishing conditions.

**IMPORTANT:** Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Name of Observer: Joe Buckwalter, Fish and Wildlife Technician

Phone: (907)267-2345

Date Printed: 12/10/2002

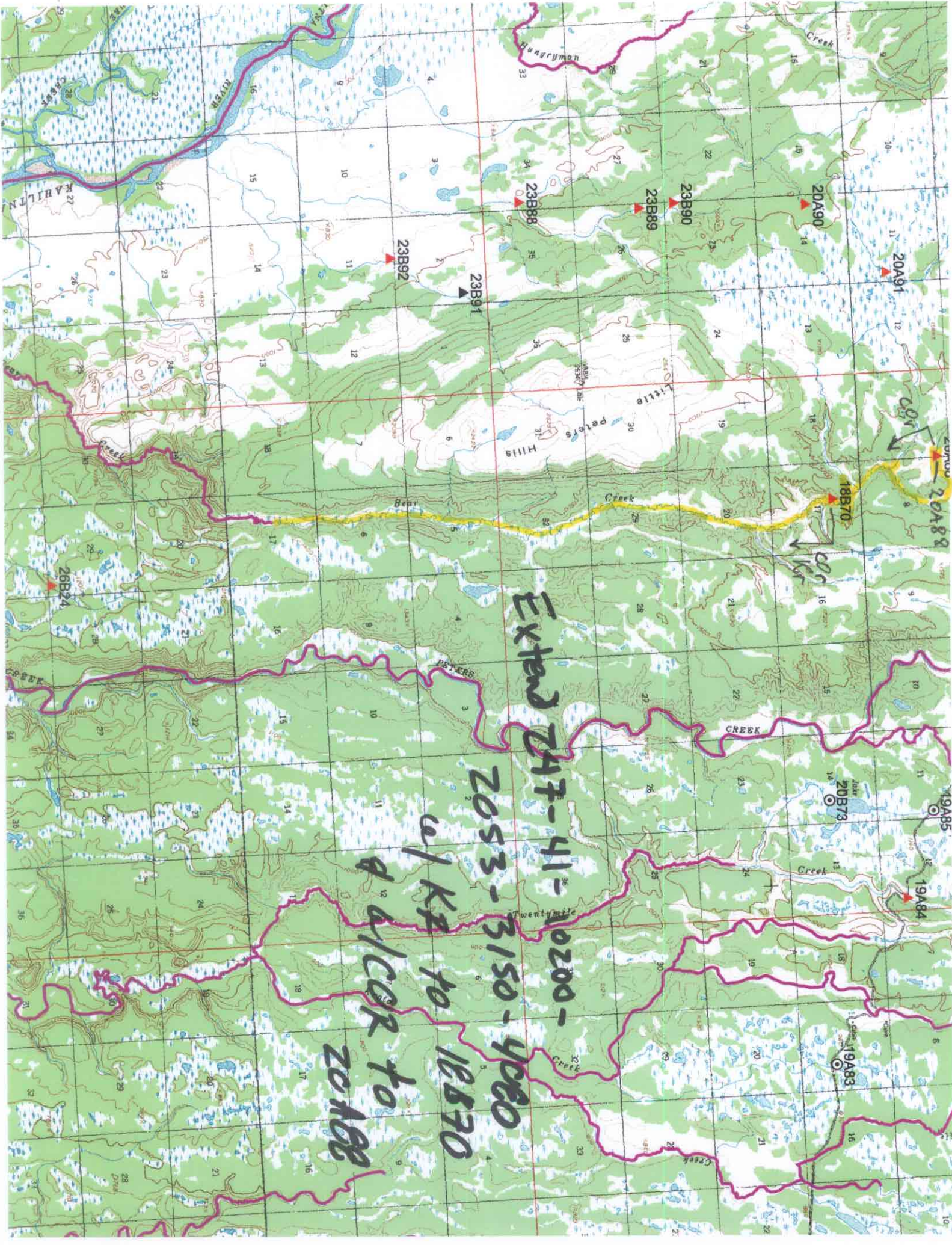
Signature:

Address: Habitat and Restoration Division, Alaska Department of Fish and Game  
333 Raspberry Road  
Anchorage, AK 995181599 USA

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist:





Extend 747-41-

2053-3150-4060

w/ K# to 16570

a/c/cr to 20406

20406





20A88



State of Alaska  
Department of Fish and Game  
Habitat and Restoration Division

Nomination of Waters  
Important to Anadromous Fish

Region: Southcentral

USGS Quad: Talkeetna B-2

Anadromous Water Catalog Number of Waterway: \_\_\_\_\_

Status: \_\_\_\_\_

Name of Waterway: Bear Creek

☐ USGS Name

☐ Local Name

☒ Addition

☐ Deletion

☐ Correction

☒ Backup Information

For Office Use

Nomination # _____	Regional Supervisor _____	Date _____
Revision Year: _____	AWC Project Biologist _____	Date _____
Revision to: Atlas _____ Catalog _____		
Both _____		
Revision Code: _____	Drafted _____	Date _____

**SITE INFORMATION** Station: FSH0218b70 Visit: 1 Date Observed: 8/20/2002 Latitude: 62.345941 Longitude: -150.80108

Legal Description: NW 1/4 Section 17, T. 26 N., R. 8 W., S.M.

**STREAM PARAMETER**

Wetted OHW

Width (m) 6 7 Water Temp. (C): 9.6 Stream Stage: Medium  
Thalweg Depth (m) 0.4 Dominant Substrate: Gravel

Station Comments:

**SPECIES INFORMATION** rainbow trout Life Stage: Juvenile Count: 1 Life History: Resident

Sampling Method: Portable Electrofisher

Area (m2): 25 Effort (s): 108 Trap Time (h):

Trap in:

Fish passage barrier at site: Specific Barrier Unknown

Trap out:

Species Comments:

1

**SPECIES INFORMATION** slimy sculpin Life Stage: Juvenile/Adult Count: 9 Life History: Resident

Sampling Method: Portable Electrofisher

Area (m2): 25 Effort (s): 108 Trap Time (h):

Trap in:

Fish passage barrier at site: None

Trap out:

Species Comments:

2

**SPECIES INFORMATION** coho salmon Life Stage: Juvenile Count: 1 Life History: Anadromous

Sampling Method: Portable Electrofisher

Area (m2): 25 Effort (s): 108 Trap Time (h):

Trap in:

Fish passage barrier at site: None

Trap out:

Species Comments:

3

Additional Comments:

*good spawning and rearing habitat.*

Next Page  
for more  
species...

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Name of Observer: Cecil Rich, Habitat Biologist

Phone: (907)267-2122

Date Printed: 12/10/2002

Signature: \_\_\_\_\_

*Cecil Rich*

Address: Habitat and Restoration Division, Alaska Department of Fish and Game

333 Raspberry Road

Anchorage, AK 995181599 USA

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: \_\_\_\_\_



**SPECIES INFORMATION** chinook salmon

**Life Stage:** Juvenile

**Count:** 2

**Life History:** Anadromous

**Sampling Method:** Portable Electrofisher

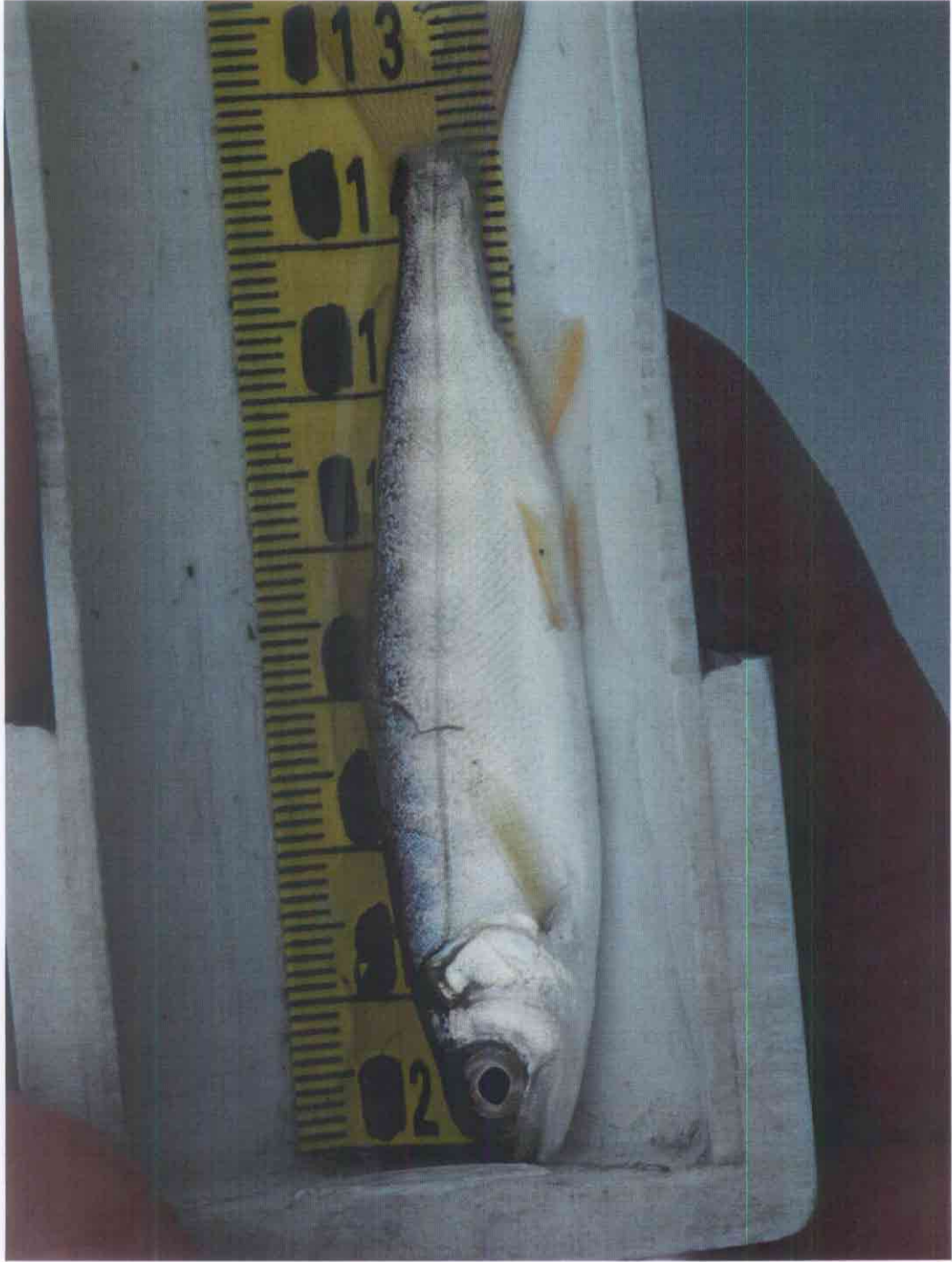
**Area (m2):** 25 **Effort (s):** 108 **Trap Time (h):**

**Trap in:**

**Fish passage barrier at site:** Specific Barrier Unknown

**Trap out:**

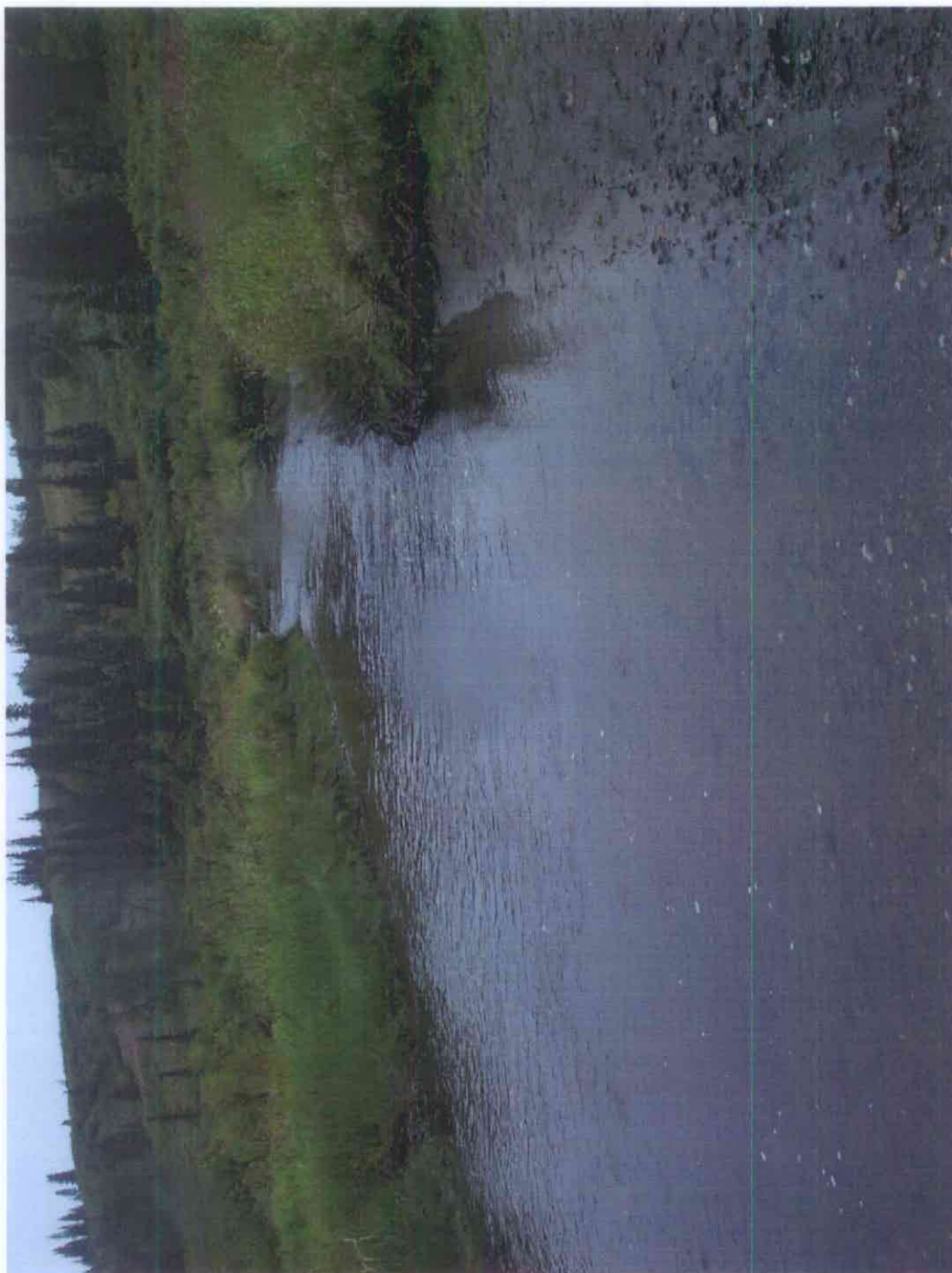
**Species Comments:**



18870 Chinook



18B70 downstream



18 B70 upstream



Nomination Number	Project Code	Station ID	No. of Anad. Fish	Method	Comments Justifying Addition
03-127	FSH02	20A88	3	PEF	Good spawning & rearing habitat (gravel substrate, good cover) – see photo. This stream is already cataloged ~ 9 miles downstream. Station is located near stream headwaters (approaching upstream extent of anadromous fish distribution) – Suspect that anadromous fish densities increase further downstream. Difficult sampling conditions – high & fast water due to recent heavy rains, extremely low conductivity (2 $\mu$ S/cm).
03-127	FSH02	18B70	3	PEF	Good spawning & rearing habitat (gravel substrate, good cover, pools) – see photos. This stream is already cataloged ~ 7 miles downstream. Station is located near stream headwaters (approaching upstream extent of anadromous fish distribution) – Suspect that anadromous fish densities increase further downstream. Difficult electrofishing conditions – low conductivity (16 $\mu$ S/cm).

88 3/25/03